



Art Unit: Unknown

Our Ref. 44046.203.277.1

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By Theresa Russek  
Theresa Russek

By submitting these references, applicant does not admit that the references are prior art to or material to this application, and reserves the right to establish that any reference is not prior

art. Applicant does not represent that the references have been reviewed in detail; there may be details in the references of which applicant is unaware.

The Commissioner is hereby authorized to charge any additional filing fees required to Deposit Account No. 06-1910. A duplicate copy of this sheet is enclosed.


Respectfully submitted,

Dated: 2 March 2004

Kara K. Smith  
Kara K. Smith  
Registration No. 49,079  
Fredrikson & Byron, P.A. (Customer No. 22859)  
4000 Pillsbury Center  
200 South Sixth Street  
Minneapolis, MN 55402  
(612) 492-7144

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| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary) |  |  |  | ATTY. DOCKET NO.<br>44046.203.277.1          |  | SERIAL NO.<br>10/750,337 |  |
|   |  |  |  | APPLICANT<br>Cardinal Glass Industries, Inc. |  |                          |  |
|   |  |  |  | FILING<br>12/31/03                           |  | GROUP<br>Unknown         |  |



| U.S. PATENT DOCUMENTS |  |                 |          |                    |       |          |                            |
|-----------------------|--|-----------------|----------|--------------------|-------|----------|----------------------------|
| EXAMINER INITIAL      |  | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|                       |  | 3,904,506       | 09/09/75 | Carmichael, et al. | 204   | 298      |                            |
|                       |  | 3,968,018       | 07/06/76 | Lane, et al.       | 204   | 192      |                            |
|                       |  | 4,214,972       | 07/29/80 | Shintock           | 204   | 298      |                            |
|                       |  | 5,054,421       | 10/08/91 | Ito, et al.        | 118   | 723      |                            |
|                       |  | 5,273,634       | 12/28/93 | Fukui, et al.      | 204   | 192.34   |                            |
|                       |  | 5,424,130       | 06/13/95 | Nakanishi, et al.  | 428   | 410      |                            |
|                       |  | 5,616,532       | 04/01/97 | Heller, et al.     | 502   | 242      |                            |
|                       |  | 5,853,866       | 12/29/98 | Watanabe, et al.   | 428   | 312.8    |                            |
|                       |  | 5,874,701       | 02/23/99 | Watanabe, et al.   | 204   | 157.15   |                            |
|                       |  | 5,939,194       | 08/17/99 | Hashimoto, et al.  | 428   | 411.1    |                            |
|                       |  | 5,969,470       | 10/19/99 | Druz, et al.       | 313   | 359.1    |                            |

| FOREIGN PATENT DOCUMENTS |  |                 |          |         |       |          |             |    |
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|                          |  | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |  |                 |          |         |       |          | YES         | NO |
|                          |  | WO 02/05708 A2  | 01/24/02 | PCT     | A61B  | 5/00     |             |    |
|                          |  | WO 00/37377     | 06/29/00 | PCT     | CO3C  | 17/34    |             |    |
|                          |  | WO 00/37376     | 06/29/00 | PCT     | CO3 C | 17/34    |             |    |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
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|  |  | Keem, Dr. John "Deposition and Surface Modification With Anode Layer Ion Sources" <u>Veeco Instruments and Society of Vacuum Cleaners</u> (PSE Presentation, (September 11, 2002))   |
|  |  | Blacker, Richard, et al. "Ion Beam Precleaning of Glass with ALS" <u>Veeco Instruments 4<sup>th</sup> International Conference of Coatings on Glass Presentation</u> (November 2002) |
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| <b>EXAMINER</b> | <b>DATE CONSIDERED</b> |
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| <b>U.S. PATENT DOCUMENTS</b>   |  |                 |          |                     |  |          |                               |    |
| EXAMINER<br>INITIAL  |  | DOCUMENT NUMBER | DATE     | NAME                | CLASS  | SUBCLASS | FILING DATE<br>IF APPROPRIATE |    |
|  |  | 5,982,101       | 11/09/99 | Fremgen, Jr. et al. | 315  | 111.91   |                               |    |
|  |  | 6,139,803       | 07/18/00 | Hayakawa, et al.    | 428  | 409      |                               |    |
|  |  | 6,139,803       | 10/31/00 | Watanabe, et al.    | 422  | 121      |                               |    |
|  |  | 6,150,755       | 11/21/00 | Druz, et al.        | 313  | 359.1    |                               |    |
|  |  | 6,165,256       | 12/26/00 | Hayakawa, et al.    | 106  | 13       |                               |    |
|  |  | 6,191,062       | 02/20/01 | Hayakawa, et al.    | 502  | 159      |                               |    |
|  |  | 6,210,779       | 04/03/01 | Watanabe, et al.    | 428  | 208      |                               |    |
|  |  | 6,224,718       | 05/01/01 | Meyer               | 204  | 192.12   |                               |    |
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|  |  | 6,368,664       | 04/09/02 | Veerasamy, et al.   | 427  | 249.7    |                               |    |
|  |  | 6,652,974       | 11/25/03 | Krisko              | 428  | 409      |                               |    |
|  |  | 6,660,365       | 12/09/03 | Krisko, et al.      | 428  | 149      |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |  |                 |          |                     |  |          |                               |    |
|  |  | DOCUMENT NUMBER | DATE     | COUNTRY             | CLASS  | SUBCLASS | TRANSLATION                   |    |
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| EXAMINER<br>INITIAL  |  | DOCUMENT NUMBER    | DATE            | NAME   | CLASS | SUBCLASS                 | FILING DATE<br>IF APPROPRIATE |    |
|  |  | 5,961,843          | 10/05/99        | Hayakawa, et al.                             | 210   | 748                      |                               |    |
|  |  | 4,604,181          | 08/05/86        | Mirtich, et al.                              | 204   | 298                      |                               |    |
|  |  | 6,013,372          | 01/11/00        | Hayakawa, et al.                             | 428   | 411.1                    |                               |    |
|  |  | US 2002/0102352 A1 | 08/01/02        | Hartig, et al.                               | 427   | 165                      |                               |    |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |  |                    |                 |  |       |                          |                               |    |
|  |  | DOCUMENT NUMBER    | DATE            | COUNTRY                                      | CLASS | SUBCLASS                 | TRANSLATION                   |    |
|  |  |                    |                 |  |       |                          | YES                           | NO |
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